

## ABSTRACT

The invention relates to a method for registering an image data set for visualizing internal areas of the body. The method can include determining the  
5 relative position of an imaging device and of an external body part associated with an internal area of the body and producing an image data set for the internal area of the body by means of the imaging device. The spatial position of the external body part is determined and the image data of the internal area of the body are registered or assigned according to relative position, with respect to the spatial  
10 position of the external body part, on the basis of the relative positional information.

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